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four sketches and keys to the sketches concerning the Military

Technical Institute at Podmokly

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Sketch A

Sketch of the military firing range and ammunition dump at Ludvikovice near Podmokly. The VTU carries out experimental firing here. The guard squad is located in the guard house and consists of twelve men and one commander.

Key to Sketch A

1. Telephone to guard room
2. Telephone
3. VTU gunpowder (rod powder)
4. Boxes containing gunpowder
5. Cannon powder charges
6. Warheads and rocket projectiles
7. Katushas, bombs (booby traps), magnetic mines

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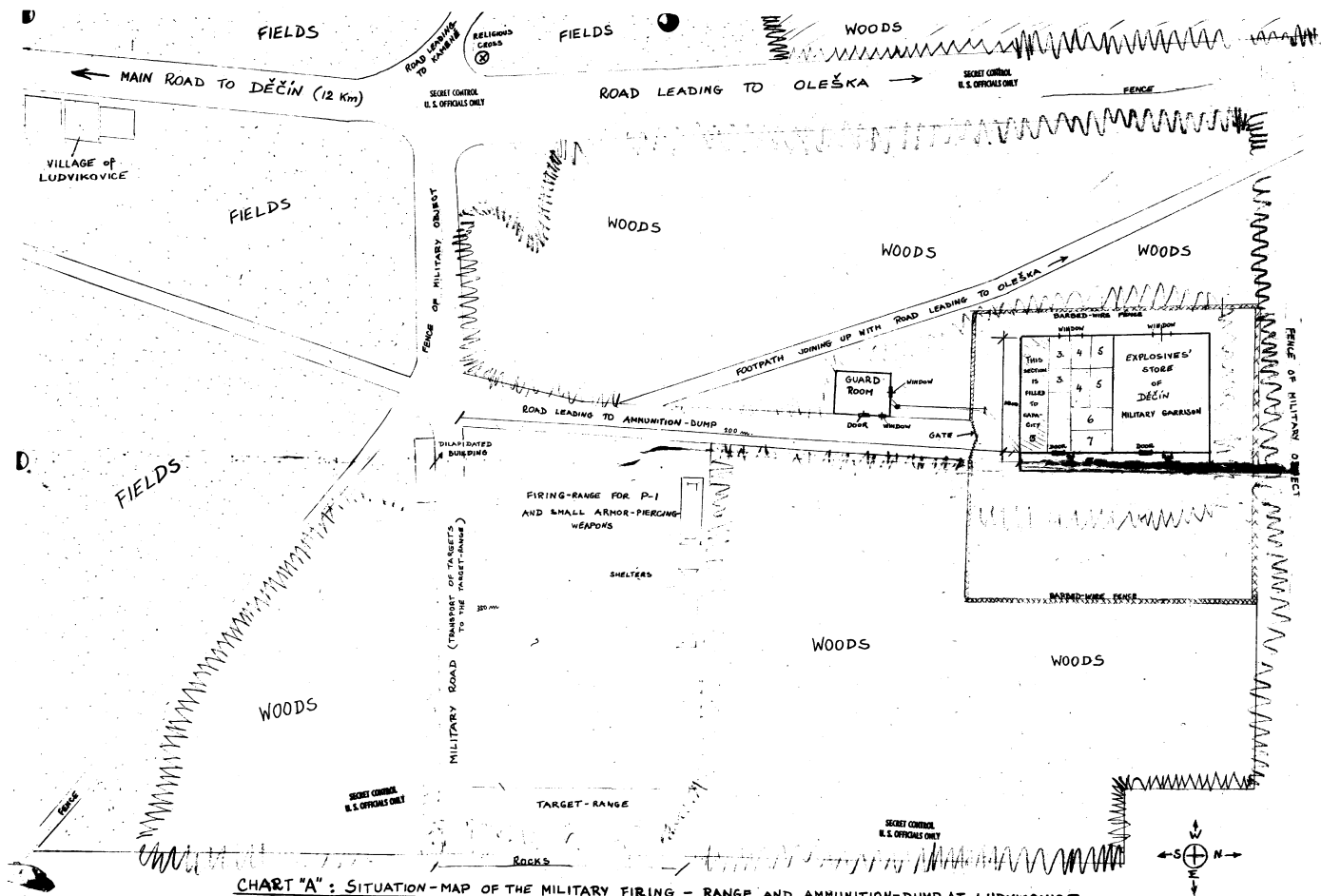


CHART "A": SITUATION-MAP OF THE MILITARY FIRING - RANGE AND AMMUNITION-DUMP AT LUDVIKOVICE

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Sketch B

Location of the VTU in Podmokly, within the CKD compound. The main VTU compound is shown enclosed by a line of small circles (oooooooo). This compound (except the buildings numbered 1-5, 13, 16, and 17) is shown in detail on Sketch C, where the same key numbers are used. The ground floor plan of the building numbered 13 is shown separately on Sketch D. The administrative offices of the VTU (No. 17) are in the same building (fourth floor) with the offices of the Skoda Plant, above No. 16.

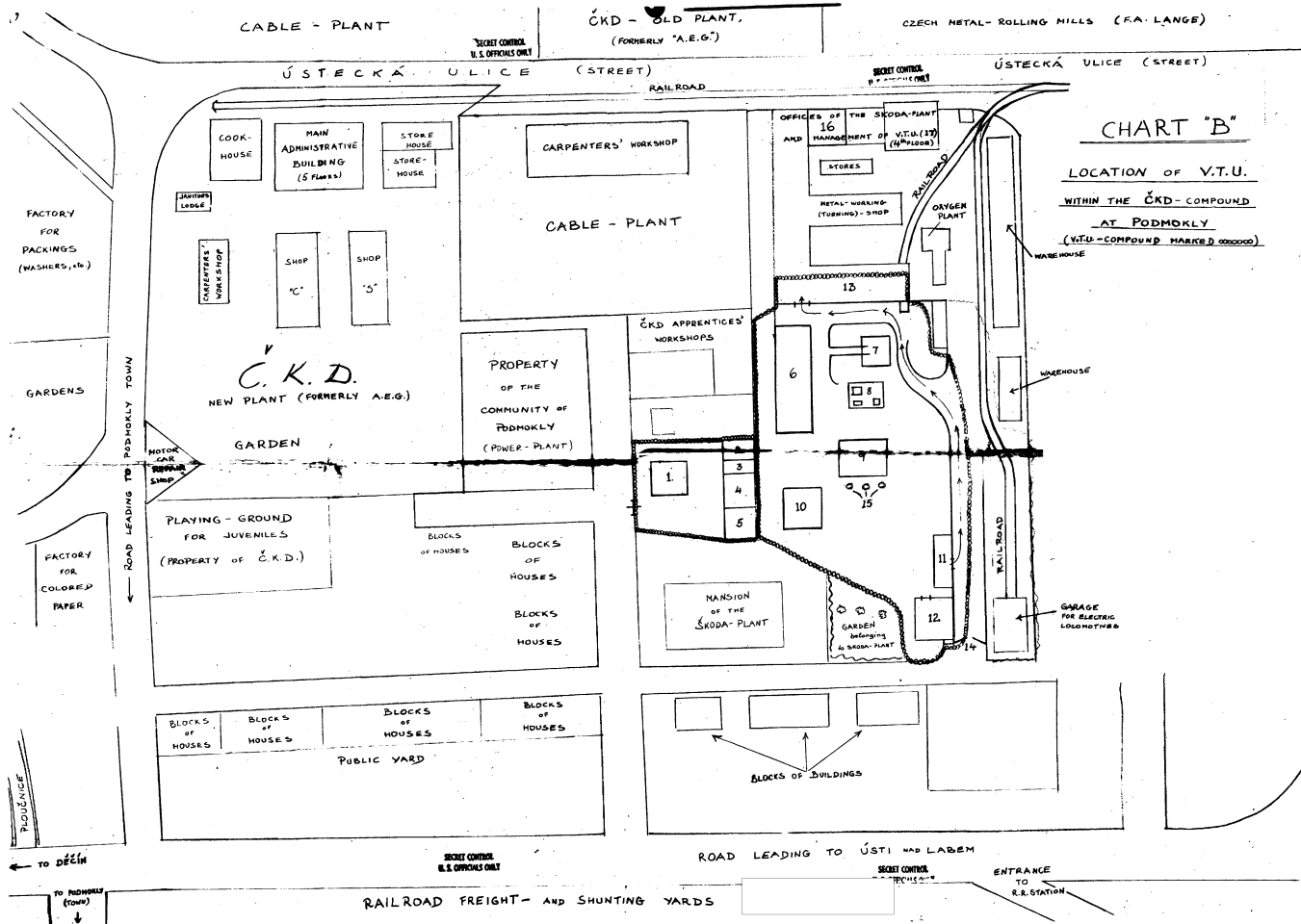
Key to Sketch B

1. VTU laboratory
2. VTU stores
3. KSC (Czech Communist Party) secretariat
4. Workshop for liquid-powered rockets
5. Storeroom for P-1 *weapons*
6. VTU stores
7. Bunker (underground concrete shelter) approximately 6 meters deep; testing room for rockets, and storage of liquid-powered rockets
8. Ammunition dump
9. Water cistern (swimming pool)
10. Testing room (with dynamic brake) for turbine motors
11. Coal storage
12. Guard room
13. CKD boiler workshop on ground floor, containing VTU machine shop and laboratories
14. Gate
15. Trees
16. VTU laboratory
17. VTU administrative offices on fourth floor

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Sketch C

Detailed plan of the VTU compound at Podmokly. This sketch forms and enlarged part of Sketch B and shows the main VTU compound, except for the buildings numbered 1 through 5, 13, 16, and 17, which are located outside the main compound. The key numbers correspond to those shown on Sketch B. These have in some instances been subdivided (e.g. 8, 8a, 8b, 8c) in order to show details within larger objects. Other objects which were not shown on Sketch B appear on Sketch C under key numbers 18 through 44.

Key to Sketch C

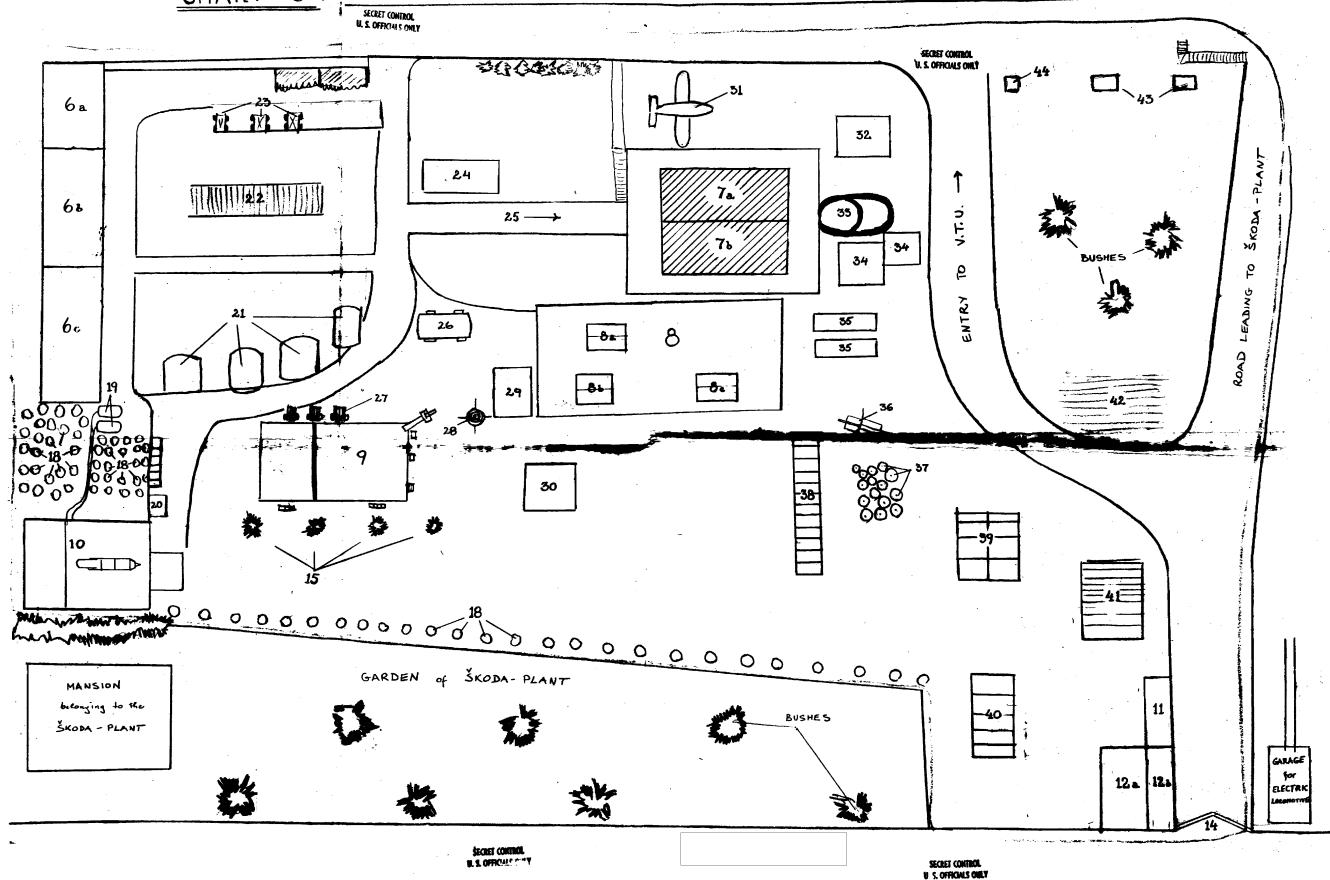
- | | |
|--|---|
| 6a. Storeroom R-1 | |
| 6b. Storeroom R-2 | |
| 6c. Storeroom R-3 | |
| 7a. Underground concrete shelter (about 6 meters deep), used as a testing room for rockets | |
| 7b. Underground concrete shelter (like 7a); storage of liquid-driven rockets | |
| 8. Ammunition dump | |
| 8a. Gunpowder storage | |
| 8b. Storeroom P-2, for ignition boxes and detonators | |
| 8c. Store P-3, for projectiles | |
| 9. Swimming pool (water cistern) | |
| 10. Testing room for turbine motors | |
| 11. Coal storage | 39. Cases with Henschel rockets |
| 12. Guard house | 40. Cases with metal fuel bottles for rockets |
| 12b. Corridor inside guard house | |
| 14. Main gate | 41. Dump of iron pipes |
| 15. Trees | 42. Dump of iron pipes |
| 18. Mines (showpieces) | 43. Gas station |
| 19. Fuel tanks for turbine motors | 44. Hydrant |
| 20. Sentry | |
| 21. Mobile oxygen plants | |
| 22. Torpedo parts | |
| 23. "Goliaths" (small armored vehicles) | |
| 24. Oxygen plant | |
| 25. Sloping drive to underground shelter (laboratory) | |
| 26. Mobile electrical laboratory | |
| 27. German rocket-launching mortars | |
| 28. Stabilization fins of V-2 (showpiece) | |
| 29. Storage of packing cases | |
| 30. Stores of various materials | |
| 31. Glider plane | |
| 32. Oxygen plant | |
| 33. Chimneys for exhaust gases from underground laboratory | |
| 34. Oxygen plant | |
| 35. Methyl alcohol tanks | |
| 36. Gun carriage | |
| 37. Heads of Henschel rockets | |
| 38. Cases with Henschel rockets | |

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CHART "C": DETAILED PLAN OF "V.T.U."- COMPOUND, PODMOKLY.



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Sketch D

Building No. 13. The upper floor is occupied by the CKD boiler workshop. VTU machine shops and laboratories are located on the ground floor. The inset drawing gives a front view of the building.

Key to Sketch D

1. Sentry
2. Office of Lt. Col. Liska and Staff Capt. Grosman
3. Heating Installation for Skoda Plant
4. Corridor
5. Motorcar repair shop
6. Electrical accessories
7. Stores of sheet metal and ironware
8. Store room for iron and timber
9. Office
10. Armory
11. Storeroom
12. Storeroom
13. Corridor, carpentry
14. Storage of P-1 projectiles
15. Storage of parts for P-1
16. Laboratory and workshop for P-1 weapons
17. Assembly shop for turbines
18. Machine shop
19. Press (stamping press)
20. Machine shop and electrical workshop
21. Power drill
22. Power lathe
23. Testing shop (checking of products and materials)
24. X-ray installation for checking of turbine crankshafts
25. Office of workshop supervisors: Mr. Chaloupka, Mr. Kaderka
26. Bathroom
27. Checkroom
28. Tempering forge
29. Blueprints
30. Machine shop
31. Stamping presses
32. Power saws
33. Turning lathes for gun barrels
34. Lathe
35. Power lathe
36. Thread-cutting machines
37. Horizontal drill press
38. Grinding lathe and polishing machine
39. Power planers
40. Lathe benches
41. Power drills

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Key to Sketch D (Con't)

- 42. Drill presses
- 43. Varnishing machine (installation)
- 44. Grinding lathe for round surfaces
- 45. Drill presses
- 46. Power lathes
- 47. Oxygen plant
- 48. Electrical measuring laboratory
- 49. Oscillograph
- 50. Connecting cables (electric wiring) leading to experimental firing range
- 51. Dark room
- 52. Dark room
- 53. Varnishing room
- 54. Varnishing kiln
- 55. Tool stores
- 56. Tool-sharpening machine
- 57. Drillhead-sharpening machine
- 58. Flat grinding lathe
- 59. Firing mechanism
- 60. Wall of reinforced concrete
- 61. Iron case filled with sand
- 62. Electric grids (gauges) measuring velocities of projectiles
- 63. Armor-piercing weapon
- 64. Trolley on rails
- 65. Shock absorbers (buffers)
- 66. Gate
- 67. Sentry post
- 68. Corridors
- 69. Storeroom for screws, nuts, and similar accessories
- 70. Storeroom
- 71. Sentry post
- 72. Garage
- 73. Wood dump
- 74. Wood dump
- 75. Gas station
- 76. Hydrant
- 77. Experimental firing range

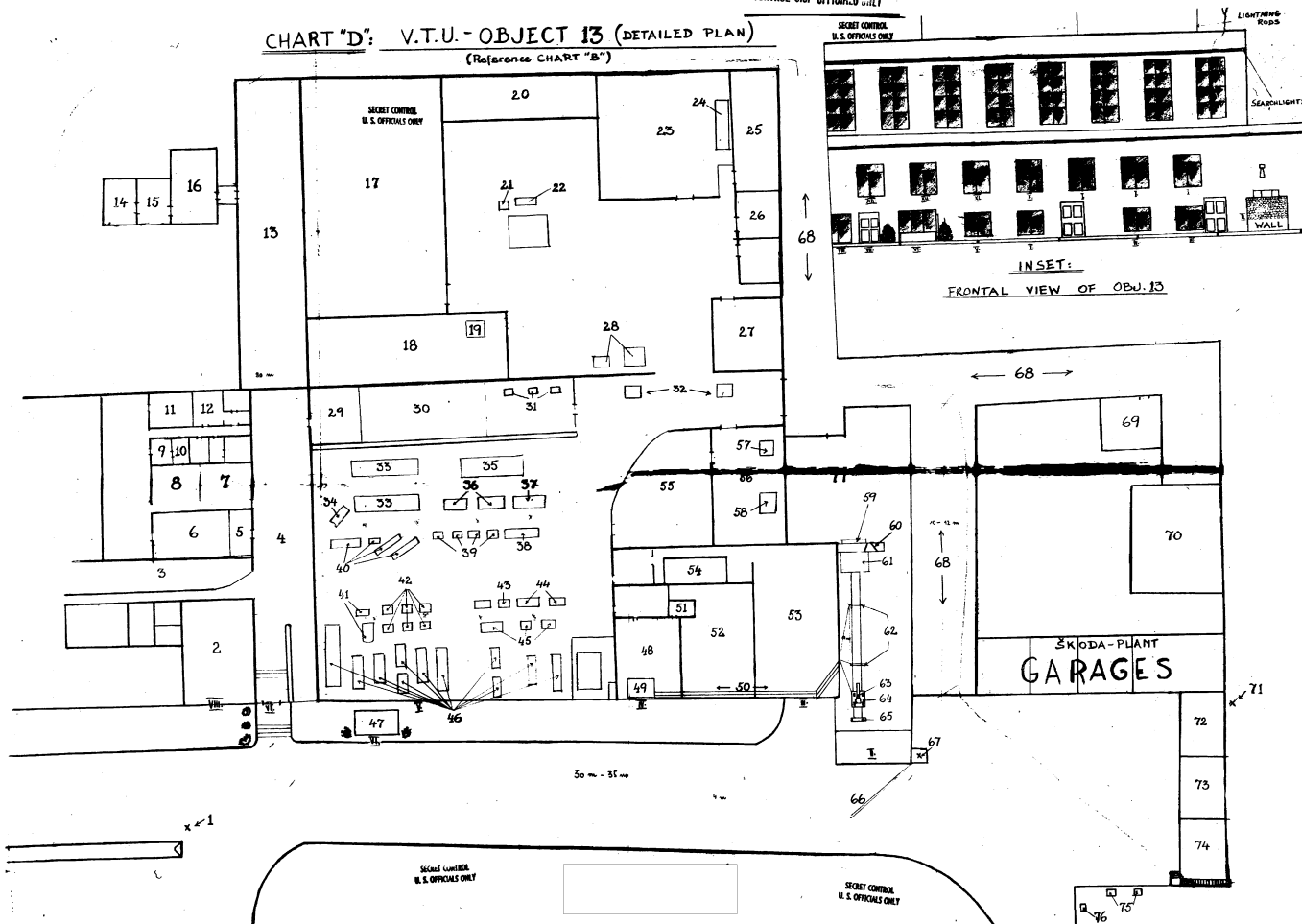
- I. New workshop for P-1 weapons
- II. Testing shop for P-1 weapons
- III. Varnishing shop
- IV. Room for electrical measuring
- V. Machine shop
- VI. Oxygen plant
- VII. Main entrance
- VIII. Office of Lt. Col. Liska and Staff Capt. Grosman
- IX. Archives
- X. Archives
- XI. Archives
- XII. Apprentices' School

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CHART "D": V.T.U. - OBJECT 13 (DETAILED PLAN)
(Reference CHART "B")



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